



May 26, 2021

Addendum No.4- RFP No.020521-Madea USD Install and Operate Turn key Private LTE Network

NOTICE TO ALL VENDORS:

This Addendum is attached to and made a part of the above-entitled specifications for Madera Unified School District for RFP No.020521-Madera USD Install and Operate Turn Key Private LTE with a due date of ~~June 8,~~ **June 22, 2021 @ 10:00 a.m.**

All changes and/or clarifications will appear in bold type and deletions will be struck out within a sentence.
Questions/Clarifications:

Final Questions:

1. I am supporting AT&T in their response. I wanted to request clarity on question 41 in the answers you issued today. There is no concern with the 1,500 SIMs being provisioned and that scaling to 30k registered users (or up to 50k). The 'busy hour' planning will drive the parameters we need to design the network for. However, we assume not all users will all be logged in and requiring max up/down throughput simultaneously. We want to get to the most cost-effective model and the capacity assumptions that drive 'busy hour' traffic profile can drive up to a 5x multiple on number of required sites. I didn't know if the school district could help inform busy hour assumptions (# of users, UL, DL). In traditional fixed wireless access, we see 10%-20% utilization at busy hour. Here we would expect maybe 30% or 35% to be safe.? **Unfortunately, it's going to be really hard to know max utilization next school year - because we're changing back to mostly in person. We also don't know how many students will be doing distance learning due to lack of vaccines or fear from the parents - and if any variants emerge.**
2. We can design to the max specs provided, but this would be +/- 100 sites (more if using only EBS and not any CBRS) and certainly not an efficient use of your budget.? **Depending on the number of students that are distance learning, they would be on zoom during school hours most of the day. Students in person would be on the service in the evening only and homework isn't generally mandatory - so it likely won't be a huge load. I would aim for at least 35% with some kind of explanation of how that is calculated and why it's being designed that way.**
3. Lastly, can you confirm when we'd be able to do a site survey for 1902 Howard?
We can schedule a site survey for next week

Date_____

Signature_____